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			U. S. PATEN	F DOCUMENTS		
Examiner Initials*	Cite No.	Document Number Number-Kind Cods ² (Faces)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Peges, Columns, Lines, Where Relevant Passeges or Relevant Figures Appear	
in	i	US- 5,202,899 04-13-1993 Walsh		Walsh	 	
W		^{US-} 5,349,649	09-20-1994	lijima		
m		U\$- 5,442,389	08-15-1995	Blahut et al.		
		^{US} -5,999,979	12-7-1999	Vellanki et al.		
in		^{US-} 4,931,950	06-05-1990	Isle et al.		
7		^{US-} 5,119,474	06-02-1992	Beitel et al.		
		us-5,274,758	12-28-1993	Beitel et al.		
		US- 5,341,474	11-23-1994	Gelman et al.		
		^{US-} 5,414,455	05-09-1995	Hooper et al.		
		US- 5,455,910	10-03-1995	Johnson et al.		
		^{US-} 5,533,021	06-02-1996	Brandstad et al.		
		^{US-} 5,537,408	07-16-1996	Brandstad et al.		
		^{US-} 5, 62 3,690	04-22-1997	Palmer et al.		
		US- 5,721,827	02-24-1998	Logan et al.		
		V\$- 5,732,219	03-24-1998	Blumer et al.		
I_{-}		^{U8-} 5,754,772	05-19-1998	Leaf		
$I_{}$		^{US-} 5,793,966	08-11-1998	Amstein et al.		
1		^{US-} 5,796,393	08-18-1998	MacNaughton et al.		
M		^{US-} 5,796,566	08-18-1998	Sharma et al.		

Examinar Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π
		Country Code ³ "Number * "Kind Code* (# known)	MM-DD-YYYY		Or Relevant Figures Appear	
2005		EP 0 605 115 A2	06-12-1993	AT&T Corp.		
·		EP 0 653 884 A1	11-17-1993	Bell Telephone		
		EP 0 676 898 A1	03-20-1995	IBM Corp.		Г
de		EP 0 746 158 A2	05-14-1996			
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INFORMATION DISCLOSURE	Filing Date	2/28/2005
	First Named Inventor	David del Val
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Examiner Initials	Cite No.1	Document Number Number-Kind Code ^{3 present}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
W.	m	us- 5,515,098	05-07-1996	Carles		
		US- 5,717,854	02-10-1998	Egawa et al.		
		US- 5,740,549	04-14-1998	Reilly et al.		
		^{US-} 5,754,939	05-19-1998	Herz et al.		
		^{US-} 5,848,396	12-08-1998	Gerace		
		^{US-} 5,864,823	01-26-1999	Levitan		
		^{US-} 5,936,945	08-10-1999	Shibata et al.		
T^{-}		^{US-} 5,956,488	09-21-1999	Suzuki		
		^{US-} 5,978,577	11-02-1999	Rierden et al.		
1		US- 5,982,459	11-09-1999	Fandrianto et al.		
		^{U\$} 6,002,394	12-14-1999	Scheim et al.		
l		US- 6,006,241	12-21-1999	Pumaveja et al.		
\top		^{US-} 6,006,257	12-21-1999	Slezak		
		us- 6,014,701	01-11-2000	Chaddha	·	
		us- 6,029,045	02-22-2000	Picco et al.		
		US- 6,029,195	02-22-2000	Herz		
		^{US-} 6,122,658	09-19-2000	Chaddha		
T		^{US-} Re. 35,158	02-20-1996	Sugiyama	1.	
1/2		^{U\$-} 6,275,497	08-14-2001	Varma et al.		

		FORE	IGN PATENT DOCL	IMENTS.		
Examiner Initials*	No.	Foreign Patent Document	Publication Date	Name of Patentse or Applicant of Cited Document	Pages, Columns, Lines, Where Relevent Passages	
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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (Finance)}	Publication Date MM-0D-YYYY	Name of Patentee or Applicant of Citod Document	Pages, Columns, Linas, Where Relevant Passages or Relevant Figures Appear
w		US- 5,689,566	11-18-1997	Nguyen	
		^{US-} 6,275,869	08-14-2001	Sieffert et al.	
		US- 6,611,862	11-26-2003	Reisman	
		^{US-} 5,966.531	10-12-1999	Skeen et al.	
l l		^{US-} 5,706,434	01-06-1998	Kremen et al.	
M		^{US-} 6,208,952	03-27-2001	Goertzel et al.	
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		FORE	IGN PATENT DOCU	MENTS		
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Wh		CHEN, H.J. et al., "A Scalable Video-on-Demand Service for the Provision of VCR-Like Functions", IEEE Proceedings of the International Conference on Multimedia Computing and Systems Washington D.C. 65-72 (May 15-18, 1995)				
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